

### **Amendments to the Claims**

This listing of claims will replace all prior versions and listings of claims in the application.

### **Listing of Claims**

1. - 57. (Canceled)

58. (Currently Amended) An assay device for identifying a leukemia of T-cell, B-cell, or myeloid lineage in a subject, said device comprising (a) a solid support; and (b) an array of immunoglobulin molecules, or antigen-binding ~~derivatives-fragments~~ thereof, immobilized to the support, wherein the array comprises 7 to about 1000 discrete regions on the solid support, wherein each discrete region comprises an immunoglobulin molecule, or antigen-binding ~~derivative-fragment~~ thereof, that is specific for a single distinct cell surface marker antigen on a leukocyte such that the array comprises different immunoglobulin molecules, or antigen-binding fragments thereof, specific for different cell surface marker antigens, wherein the cell surface marker antigens are selected from the list in Table 4, and wherein the ~~immobilized-immunoglobulins, or antigen-binding fragments thereof, that are immobilized to the support are~~ arranged in the array such that specific binding of ~~each-the~~ immunoglobulin, or antigen-binding fragment thereof, of each discrete region to its respective distinct cell surface marker antigen on ~~a-the~~ leukocyte provides a pattern of expression of the different cell surface marker antigens on the leukocyte that distinguishes leukemias of T-cell, B-cell, or myeloid lineage.

59. - 70. (Canceled)

71. (Currently Amended) The assay device of claim 58, wherein the ~~immunoglobulins~~ immunoglobulin molecules, or derivatives-antigen-binding fragments thereof, of the array are immobilized to the solid support by bound-covalently-covalent binding to the

solid support or wherein the ~~immunoglobulins~~immunoglobulin molecules, or ~~derivatives-antigen-binding fragments~~ thereof, of the array are immobilized to the solid support ~~are bound by binding~~ to a recombinant, truncated protein G that is first coated on the solid support.

72. (Canceled)

73. (Previously Presented) The assay device of Claim 58, wherein the immunoglobulin molecules are monoclonal antibodies.

74. (Previously Presented) The assay device of Claim 58, wherein the immunoglobulin molecules are polyclonal antibodies.

75. (New) The assay device of Claim 58, wherein the array of the assay device comprises immunoglobulin molecules.

76. (New) The assay device of Claim 58, wherein the array of the assay device comprises antigen-binding fragments of the immunoglobulin molecules.